

- Fig. 9.* Larva, fifth stage; the dorsal vessel and the flexible setæ have made their appearance.
- Fig. 10.* Larva, sixth stage: the three original pairs of larval feet have lost the setæ; the others are furnished with two sorts of setæ. Nat. length 5 millims.
- Fig. 11.* Larva, seventh stage, in which the upper pair of antennæ are more developed. Nat. length 10 millims. The tube is represented in the act of emerging.
- Fig. 12.* Eye of larva in sixth stage: *a*, swelling of the cephalic ganglion; *b*, ganglionic layer of the retina; *c*, choroid; *d*, crystalline; *e*, sclerotic.
- Fig. 13.* Fragment of the choroid.
- Fig. 14.* Foot of larva in the sixth and seventh stages: *a*, dorsal cirrus; *b*, abdominal cirrus; *c*, foot proper; *d*, dorsal tubercle.
- Fig. 15.* Setæ: *a*, the larger spinulous ones; *b*, the simple flexible ones.

III.—*On a new Volute.* By FREDERICK M'COY, Professor of Natural Science in the University of Melbourne.

[Plate III. figs. 1 & 2.]

Voluta (Amoria) canaliculata (M'Coy).

Sp. Ch. Elongate-ovate; spire short, of $4\frac{1}{2}$ whorls, distinctly channelled at the suture; pillar with four strong, subequal, oblique plaits, the most posterior continued into ridge of anterior thickened belt. Colour whitish (faded specimen), with, on body-whorl, five spiral rows of longitudinally elongate-oblong tawny spots, one row at the suture. Total length 1 inch $8\frac{1}{2}$ lines, proportional length of aperture $\frac{8}{100}$, greatest width $\frac{5}{100}$.

This *Volute* differs from the *V. (Amoria) maculata*, which it most nearly resembles in shape and colouring, by the spots being more numerous and shorter, by the plaits of the pillar being oblique, by the width being greater and the greatest width being nearer the suture, and by the suture being distinctly canaliculated.

I obtained the only specimen I have seen of this species, for the National Museum at Melbourne, from Mr. R. Thatcher, who had observed the fact of its being specifically distinct from the *V. (A.) maculata*.

Locality. Port Denison.

EXPLANATION OF PLATE III.

Figs. 1 & 2. *Voluta canaliculata*, back and front views, natural size.